

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bonassar et al.
Serial No. : 10/081,897
Filed : February 21, 2002
Title : INJECTION MOLDING OF LIVING TISSUES

Art Unit : 1615
Examiner : Carlos A. Azpuru

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050, referencing attorney docket number 07917-136001.

Respectfully submitted,

Date: December 23, 2003

Lisa N. Geller, Ph.D., J.D.
Reg. No. 51,726

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20776855.doc

01/06/2004 BABRAHA1 00000136 10081897

01 FC:1806

180.00 OP

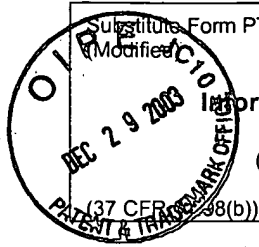
CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

12/23/03
Date of Deposit

Signature

K Hutchins
Typed or Printed Name of Person Signing Certificate



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07917-136001	Application No. 10/081,897
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Lawrence J. Bonassar et al.	
		Filing Date February 21, 2002	Group Art Unit 1615

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,188,373	02/12/80	Krezanoski	424/78		
	AB	4,352,883	10/5/82	Lim	435/178		
	AC	4,474,751	10/2/84	Haslam et al.	424/78		
	AD	4,474,752	10/2/84	Haslam et al.	424/78		
	AE	4,474,753	10/2/84	Haslam et al.	424/78		
	AF	4,478,822	10/23/84	Haslam et al.	424/78		
	AG	5,410,016	04/25/95	Hubbell et al.	528/354		

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AH	Abbott et al. "Computer Generated Mandibular Model: Surgical Role" <i>Aust. Dent. J.</i> 43:373-378 (1998)
	AI	Ainbinder et al. "Anophthalmic Socket and Orbital Implants" <i>Radiol. Clin. North. Am.</i> 36:1133-1147 (1998)
	AJ	Atala et al. "Endoscopic Treatment of Vesicoureteral Reflux with a Chondrocyte-Alginate Suspension" <i>J. of Urol.</i> 152(2 Pt 2):641-643; discussion 644 (1994)
	AK	Atala et al. "Injectable Alginate Seeded with Chondrocytes as a Potential Treatment for Vesicoureteral Reflux" <i>J. of Urol.</i> 150(2 Pt 2):745-747 (1993)
	AL	Beekman et al. "Synthesis of Collagen by Bovine Chondrocytes in Alginate; Posttranslational Modifications and Cell-Matrix Interaction" <i>Exper. Cell Res.</i> 237(1):135-141 (1997)
	AM	Cadee et al. "In vivo Biochompatability of Dextran-Based Hydrogels" <i>J. of Biomed. Mat. Res.</i> 50:397-404 (2000)
	AN	Cao et al. "Comparative Study of the Use of Poly (Glycolic Acid), Calcium Alginate and Pluronic in the Engineering of Autologous Porcine Cartilage" <i>J. Biomater. Sci. Polyme.r Edn.</i> 9(5):475-487 (1998)
	AO	Cao et al. "Tissue-Engineered Nipple Reconstruction" <i>Plast. Reconstr. Surg.</i> 102:2293-2298 (1999)
	AP	Cao et al. "Transplantation of Chondrocytes Utilizing a Polymer-Cell Construct to Produce Tissue-Engineered Cartilage in the Shape of a Human Ear" <i>Plast. Resonstr. Surg.</i> 100:297-302 (1997)
	AQ	Cohen et al. "Biology of Implants Used in Head and Neck Surgery" <i>Facial Plast. Surg. Clin. N. Am.</i> 7:17-41 (1999)
	AR	Guo et al. "Culture and Growth Characteristics of Chondrocytes Encapsulated in Alginate Beads" <i>Connect. Tissue Res.</i> 19(2-4):277-297 (1989)
	AS	Hauselmann et al. "Phenotypic Stability of Bovine Articular Chondrocytes after Long-Term Culture in Alginate Beads" <i>J. Cell Sci.</i> 107:17-27 (1994)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 Modified	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07917-136001	Application No. 10/081,897
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Lawrence J. Bonassar et al.	
(37 CFR § 1.102(b))		Filing Date February 21, 2002	Group Art Unit 1615

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	Hauselmann et al. "Synthesis and Turnover of Proteoglycans by Human and Bovine Adult Articular Chondrocytes Culture in Alginate Beads" <i>Matrix</i> 12(2):116-129 (1992)
	AU	Huband "Intranasal Conformers: A Case Report" <i>J. Dent. Technol.</i> 14:12-15 (1997)
	AV	Huggett et al. "Dimensional Accuracy and Stability of Acrylic Resin Denture Bases" <i>J. Prosthet. Dent.</i> 68:634-640 (1992)
	AW	Kapur et al. "Fabrication and Selective Surface Modification of 3-Dimensionally Textured Biomedical Polymers from Etched Silicon Substrates" <i>J. Biomed. Mater. Res.</i> 33:205-216 (1996)
	AX	König et al. "Autosterilization of Biodegradable Implants by Injection Molding Process" <i>J. Biomed. Mater. Res.</i> 38:115-119 (1997)
	AY	Lovice et al. "Grafts and Implants in Rhinoplasty and Nasal Reconstruction" <i>Otolaryngol. Clin. N. Am.</i> 32:113-139 (1999)
	AZ	Marler et al. "Soft-Tissue Augmentation with Injectable Alginate and Syngeneic Fibroblasts" <i>Plastic and Reconstructive Surgery</i> 105:2049-2058 (2000)
	AAA	Paige et al. "De Novo Cartilage Generation Using Calcium Alginate-Chondrocyte Constructs." <i>Plast. Reconstr. Surg.</i> 97(1):168-178; discussion 179-180 (1996)
	ABB	Paige et al. "Injectable cartilage" <i>Plast. Reconstr. Surg.</i> 96(6):1390-1398; discussion 1399-1400 (1995)
	ACC	Peppas et al. "Hydrogels in Pharmaceutical Formulations" <i>European Journal of Pharmaceutics and Biopharmaceutics</i> 50:27-46 (2000)
	ADD	Puelacher et al. "Design of Nasoseptal Cartilage Replacements Synthesized from Biodegradable Polymers and Chondrocytes" <i>Biomaterials</i> 15:774-778 (1994)
	AEE	Sakata et al. "Tracheal Composites Tissue-Engineered from Chondrocytes, Tracheal Epithelial Cells and Synthetic Degradable Scaffolding" <i>Transplant. Proc.</i> 26:3309-3310 (1994)
	AFF	Vacanti et al. "Experimental Tracheal Replacement Using Tissue-Engineered Cartilage" <i>Journal of Pediatric Surgery</i> 29:201-205 (1994)
	AGG	Verstreken et al. "An Image-Guided Planning System for Endosseous Oral Implants" <i>IEEE Trans. Med. Imaging</i> 17:842-852 (1998)
	AHH	Zimmermann et al. "Hydrogel-Based Non-Autologous Cell and Tissue Therapy" <i>BioTechniques</i> 29:564-581 (2000)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	